Title (en)
CROSS-LEVEL PREFETCH FOR SHARED MULTI-LEVEL LIBRARIES

Title (de)
STUFENÜBERGREIFENDES VORABRUFEN FÜR MEHRSTUFIGE GETEILTE BIBLIOTHEKEN

Title (fr)
PRÉ-LECTURE DE NIVEAU TRANSVERSALE POUR BIBLIOTHÈQUES MULTI-NIVEAU PARTAGÉES

Publication
EP 3274829 A1 20180131 (EN)

Application
EP 15886609 A 20150326

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Abstract (en)
[origin: WO2016153378A1] In embodiments, apparatuses, methods and storage media (transitory and non-transitory) are described that are associated with receiving a call from an application at a shared library, accessing a first resource based at least in part on the first call, and storing a prefetch entry in a prefetch engine based at least in part on an address of a second resource in preparation to service a second call to the shared library that requires traversal of a plurality of stages at the shared library. A prefetch request may be performed based at least in part on the second call, and the second resource may be accessed based at least in part on a result of the prefetch request. In embodiments, the shared library may be a Message Passing Interface (MPI) library. Other embodiments may be described and/or claimed.

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